

with regard to the ease of charging, for the reason given, *Sec.* 10. We made also of large glass panes, magical pictures, and self-moving animated wheels, presently to be described.

19. I perceive by the ingenious Mr *Watson's* last book, lately received, that Dr *Bevis* had used, before we had, panes of glass to give a shock *; though, till that book came to hand, I thought to have communicated it to you as a novelty. The excuse for mentioning it here is, that we tried the experiment differently, drew different consequences from it (for Mr *Watson* still seems to think the fire accumulated on the non-electric that is in contact with the glass, page 72) and, as far as we hitherto know, have carried it farther.

20. The magical picture † is made thus. Having a large metzotinto with a frame and glass, suppose of the KING, (God preserve him) take out the print, and cut a pannel out of it, near two inches distant from the frame all round. If the cut is through the picture it is not the worse. With thin paste, or gum-water, fix the border that is cut off on the inside the glass, pressing it smooth and close; then fill up the vacancy by gilding the glass well with leaf gold, or brass. Gild likewise the inner edge of the back of the frame all round, except the top part, and form a communication between that gilding and the gilding behind

* I have since heard that Mr *Smeaton* was the first who made use of panes of glass for that purpose.

† Contrived by Mr *Kinnerfley*.